

INTERNATIONAL SEARCH REPORT

International Application No

1/EP2004/009156

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, CHEM ABS Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^a	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 705 628 A (HAWKINS TREVOR) 6 January 1998 (1998-01-06)	1-3, 6, 7, 9-18, 24-29
Y	the whole document -----	1-32
X	US 5 898 071 A (HAWKINS TREVOR) 27 April 1999 (1999-04-27)	1-3, 6, 7, 9-18, 24-29
Y	the whole document -----	1-32
Y	EP 1 069 131 A (QIAGEN GMBH) 17 January 2001 (2001-01-17) the whole document -----	1-32
Y	WO 02/066993 A (NARGESSI R D ;CORTEX BIOCHEM INC (US)) 29 August 2002 (2002-08-29) claims 1-3, 7, 13, 16 -----	1-32
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

^a Special categories of cited documents :

- A* document defining the general state of the art which is not considered to be of particular relevance
- E* earlier document but published on or after the international filing date
- L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- O* document referring to an oral disclosure, use, exhibition or other means
- P* document published prior to the international filing date but later than the priority date claimed

- T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- &* document member of the same patent family

Date of the actual completion of the International search

15 November 2004

Date of mailing of the International search report

26/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Scott, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/009156

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 757 106 A (TOYO BOSEKI) 5 February 1997 (1997-02-05) abstract -----	1-32
Y	WO 98/31840 A (PROMEGA CORP) 23 July 1998 (1998-07-23) abstract -----	1-32
A	WO 01/70831 A (BRASSARD LOTHAR A ;OSTER JUERGEN (DE); CHEMAGEN BIOPOLYMER TECHNOL) 27 September 2001 (2001-09-27) claims 1,17-22 -----	1,26,29
A	WO 02/09125 A (FISCHER RAINER ;FRAUNHOFER GES FORSCHUNG (DE); MUELLER SCHULTE DET) 31 January 2002 (2002-01-31) abstract -----	1,26,29

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/009156

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5705628	A	06-01-1998	US WO	5898071 A 9609379 A1	27-04-1999 28-03-1996
US 5898071	A	27-04-1999	US WO	5705628 A 9609379 A1	06-01-1998 28-03-1996
EP 1069131	A	17-01-2001	EP US US	1069131 A1 2004171077 A1 2001014466 A1	17-01-2001 02-09-2004 16-08-2001
WO 02066993	A	29-08-2002	CA EP JP WO	2438066 A1 1368629 A1 2004523238 T 02066993 A1	29-08-2002 10-12-2003 05-08-2004 29-08-2002
EP 0757106	A	05-02-1997	JP JP US EP EP US	2965131 B2 9019292 A 5945525 A 1260595 A2 0757106 A2 2003096987 A1	18-10-1999 21-01-1997 31-08-1999 27-11-2002 05-02-1997 22-05-2003
WO 9831840	A	23-07-1998	US AU AU BR CA DE DE DE EP EP JP JP US WO US US US	6027945 A 732756 B2 6647598 A 9805897 A 2249393 A1 69817484 D1 69817484 T2 895546 T1 1367137 A1 0895546 A1 3253638 B2 11509742 T 2002086326 A1 9831840 A1 6673631 B1 6368800 B1 2004086930 A1	22-02-2000 26-04-2001 07-08-1998 24-08-1999 23-07-1998 02-10-2003 17-06-2004 17-10-2002 03-12-2003 10-02-1999 04-02-2002 31-08-1999 04-07-2002 23-07-1998 06-01-2004 09-04-2002 06-05-2004
WO 0170831	A	27-09-2001	DE AU CA WO EP JP US	10013995 A1 4247801 A 2404009 A1 0170831 A1 1274745 A1 2003528181 T 2003109618 A1	27-09-2001 03-10-2001 27-09-2001 27-09-2001 15-01-2003 24-09-2003 12-06-2003
WO 0209125	A	31-01-2002	DE AU WO	10035953 A1 7977001 A 0209125 A1	31-01-2002 05-02-2002 31-01-2002